

We Claim:

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A1*

1 A self-gauging coating composition comprising a resin binder in which there is dispersed a quantity of aggregate particles passing a 30 mesh screen and retained on a 50 mesh screen, said quantity being sufficient to form layer of aggregate particles having a thickness equal to, but not exceeding the size of the largest particles.

2. The self-gauging coating composition as described in claim 1, wherein said quantity being sufficient to form layer of aggregate particles that are closely spaced.

10 3. The self-gauging coating composition as described in claim 1, wherein said quantity of aggregate is sufficient to form layer of aggregate particles having a thickness from about 0.020 inches to about 0.050 inches.

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A2 15*

4. The self-gauging coating composition as described in claim 3, wherein said self-gauging composition is a setting-type composition and said quantity of aggregate is sufficient to form layer of aggregate particles having a thickness from about 0.020 inches to about 0.050 inches.

20 5. The self-gauging coating composition as described in claim 1, wherein said self-gauging composition is a setting-type

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A2  
Cont.*

composition containing from about 18 to about 48 percent by weight of said aggregate and from about 3 to about 9 percent by weight of resin.

6. The self-gauging coating composition as described in claim 5, wherein said composition contains about 30 percent by weight of said aggregate and about 8 percent by weight of resin.

7. The self-gauging coating composition as described in claim 1, wherein said self-gauging composition is a drying-type composition containing from about 18 to about 49 percent by weight of said aggregate and from about 3 to about 9 percent by weight of resin.

10 8. The self-gauging coating composition as described in claim 7, wherein said composition contains about 31 percent by weight of said aggregate and about 7 percent by weight of resin.

9. The self-gauging coating composition as described in claim 1, wherein said self-gauging composition is a sprayable-type 15 composition and said quantity of aggregate is sufficient to form layer of aggregate particles having a thickness from about 0.030 inches to about 0.050 inches.

10. The self-gauging coating composition as described in claim 9, wherein said quantity of aggregate is sufficient to form layer of 20 aggregate particles having an average thickness of about 0.039 inches.

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A 2  
Cont.

11. The self-gauging coating composition as described in  
claim 1, wherein said self-gauging composition is a sprayable-type  
composition containing from about 30 to about 55 percent by weight of  
said aggregate and from about 5 to about 10 percent by weight of  
5 resin.

12. The self-gauging coating composition as described in  
claim 11, wherein said composition contains about 44 percent by  
weight of said aggregate and about 6 percent by weight of resin.

13. The self-gauging coating composition as described in  
10 claim 1, wherein said aggregate comprises calcium carbonate.

14. The self-gauging coating composition as described in  
claim 1, wherein quantity of aggregate is sufficient to form a layer  
containing about 200 to about 1000 particles of aggregate per square  
inch.

15. The self-gauging coating composition as described in  
claim 1, wherein said self gauging composition is a setting-type  
composition and quantity of aggregate is sufficient to form a layer  
having from about 450 to about 650 particles of aggregate per square  
inch.

20 16. The self-gauging coating composition as described in  
claim 1, wherein said self gauging composition is a drying-type

composition and quantity of aggregate is sufficient to form a layer having from about 300 to about 600 particles of aggregate per square inch.

17. The self-gauging coating composition as described in  
5 claim 1, wherein said self gauging composition is a sprayable-type composition and said quantity of aggregate is sufficient to form a layer having from about 700 to about 1000 particles of aggregate per square inch.

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